

<p align="center">MINNESOTA STATE COLLEGES AND UNIVERSITIES*</p> <p align="center">ARTICULATION AGREEMENT BETWEEN</p>	<p align="center">MINNEAPOLIS COMMUNITY & TECHNICAL COLLEGE (MCTC) AND SAINT MARY'S UNIVERSITY OF MINNESOTA SCHOOLS OF GRADUATE AND PROFESSIONAL PROGRAMS</p>
<p><small>*The Board of Trustees of the Minnesota State Colleges and Universities is authorized by Minnesota Statutes, Chapter 136F to enter into Agreements and has delegated this authority to colleges and universities.</small></p>	

This Agreement is entered into between **MINNEAPOLIS COMMUNITY & TECHNICAL COLLEGE (MCTC)** (hereinafter sending institution), and **SAINT MARY'S UNIVERSITY OF MINNESOTA SCHOOLS OF GRADUATE AND PROFESSIONAL PROGRAMS (SMUMN)** (hereinafter receiving institution). This Agreement and any amendments and supplements, shall be interpreted pursuant to the laws of the State of Minnesota.

The sending institution has established an **A.A.S. Computer Forensics** (hereinafter sending program), and the receiving institution has established a **B.S. in Information Technology** (hereinafter receiving program), and will facilitate credit transfer and provide a smooth transition from one related program to another. It is mutually agreed:

Admission and Graduation Requirements

- A. The receiving institution's admission and program admission requirements apply to both direct entry students and to students who transfer under this agreement.
- B. Students must fulfill the graduation requirements at both institutions.
- C. Students must complete the entire sending program and meet the receiving institution's admission requirements for the agreement to apply, including grade requirements for courses and an overall GPA requirement.

Transfer of Credits

- A. The receiving institution will accept **60 credits** from the sending program. A total of **62 credits** remain to complete the receiving program (**45 of these remaining credits need to be completed at Saint Mary's University**).
- B. Courses will transfer as described in the attached Program Articulation Table. For system institutions, once the courses are encoded, they will transfer as described in the "*Transferology*" audit.

Implementation and Review

- A. The Chief Academic Officers or designees of the parties to this agreement will implement the terms of this agreement, including identifying and incorporating any changes into subsequent agreements, assuring compliance with system policy, procedure and guidelines, and conducting a periodic review of this agreement.
- B. This Articulation Agreement is effective on **05/01/2019** and shall remain in effect until the end date of **05/01/2024** or for five years, whichever occurs first, unless terminated or amended by either party with 90 days prior written notice.
- C. The college and university shall work with students to resolve the transfer of courses should changes to either program occur while the agreement is in effect.
- D. This Articulation Agreement will be reviewed by both parties beginning **12/01/2023** (within six months of the end date).
- E. When a student notifies the receiving institution of their intent to follow this agreement, the receiving institution will encode course waivers and substitutions.

PROGRAM ARTICULATION TABLE

Check if the sending program ____ or receiving program ____ is new.

	College (sending)	University (receiving)
Institution	Minneapolis Community & Technical College	Saint Mary's University of Minnesota
Program name	Computer Forensics	Information Technology
Award Type (e.g., AS)	A.A.S.	B.S.
Credit Length	60	122
CIP code (6-digit)	11.1003	11.0103
Describe program admission requirements (if any)		An official transcript issued to Saint Mary's University with a minimum of 30 semester credits including an English Composition course.

Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

SECTION A - Minnesota Transfer Curriculum-General Education

College (sending)			University (receiving)			
course prefix, number and name	Goal(s) ¹	Credits	course prefix, number and name	Goal(s) ¹	Credits Applied	Equiv Sub Wav
Minnesota Transfer Curriculum-General Education						
Any CMST course that meets Goal 1	1	3	Oral Communication		3	Sub
ENGL1110-College Composition OR ENGA1110-College Composition	1	3	Written Communication		3	Sub
ENGL1111-Research and Composition for Change	1	3	Written Communication		3	Sub
INFS1000 – Information Literacy and Research	2	2	Information Literacy, Creative Problem Solving, Interdisciplinary Learning		3	Sub
PSCI1101 American Government	5, 9	3	History and Social or Behavioral Science; Ethical and Civic Responsibility		3	Sub

¹ MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

PSCI2000 Constitutional Law	5,9	3	History and Social or Behavioral Science; Ethical and Civic Responsibility	3	Sub
SOCI2155 Introduction to Criminal Justice	5, 9	3	History and Social or Behavioral Science; Ethical and Civic Responsibility	3	Sub
Any courses from MnTC Goal Area 7, 8, 9, or 10	7 - 10	3	(Depends on which MnTC goal area)	3	Sub
Course from any of the MnTC Goal Areas	1-10	4	(Depends on which MnTC goal area)	3	Sub
MnTC/General Education Total		27			

Special Notes, if any: To complete the Computer Forensics A.A.S. degree, students are required to successfully complete 27 credits of General Education coursework. The required courses are ENGL 1110 or ENGL 1111, CMST 1000, PSCI 1101, PSCI 2000, SOCI 2155, and a minimum of three credits from Goal Areas 7, 8, 9 or 10.

Saint Mary's University will transfer college-level general education courses completed at MnTC community and technical colleges (grades of "C" or better).

SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

Major, Emphasis, Restricted, Unrestricted Electives or Other Courses				
ITEC1005 -- Preparing for IT	1	Unrestricted electives	1	
ITEC1100 -- Information Technology Concepts	2	Unrestricted electives	2	
ITEC1110 -- Information Technology Skills	2	Unrestricted electives	2	
ITEC1150 -- Programming Logic and Design	3	Unrestricted electives	3	
ITEC1250 -- Microsoft Windows Operating Systems	3	Unrestricted electives	3	
ITEC1425 -- Data Communications	4	Unrestricted electives	4	
ITEC1310 -- Microsoft System Maintenance	4	Unrestricted electives	4	
ITEC1475 -- Linux Systems Administration OR ITEC2710 -- Microsoft Network Administration OR ITEC2880 -- Cisco Network Administration	4	Unrestricted electives	4	
ITEC2865 -- Internet/Intranet Security: Implementation and Management	4	Unrestricted electives	4	
ITEC2855 -- Computer Forensics	4	Unrestricted electives	4	
ITEC2950 -- Information Technology Career Preparation	2	Unrestricted electives	2	
Unrestricted elective credits (if none enter 0)	0	College's unrestricted elective credits accepted in transfer (if none enter 0)	0	
Major, Emphasis, Unrestricted Electives Total		33	Total College Credits Applied (sum of sections A and B)	60

SECTION C - Remaining University (receiving) Requirements

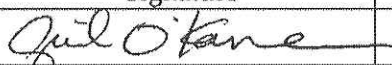
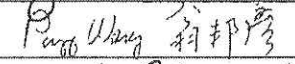
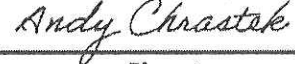

course prefix, number and name	Credits
Required Communications Courses	
COM309-Professional Writing	3
COM310-Oral Communications	3
Required Information Technology Courses	
IT301 -- Information Technology Perspectives	3
IT303 -- Data and Database Management Systems	3
IT305 -- Enterprise Architecture Fundamentals	3
IT309 -- Information Ethics	3
IT312 -- Emerging Trends in Business Technology	3
IT415 -- Mobile, Network, and Communication Technologies	3
IT432 -- Advanced Information Security Tools and Methods	3
IT440 -- Business Intelligence Fundamentals	3
IT457 -- Cloud Computing Fundamentals	3
Required Business and Management Courses	
MG408 -- Project Management	3
MG412 -- Critical Thinking for Organizational Leaders	3
Required Capstone Course	
IT490 -- Bachelors Completion Capstone	3
Required MAJOR Electives (See Catalog for options)	
	3
TOTAL CORE PROGRAM COURSE CREDITS	
	45
Unrestricted electives: Students will meet with a Saint Mary's advisor to determine the elective courses needed for the program.	
	17
*Total Remaining Credits	
	62

Special Notes, if any:

SECTION D - Summary of Total Program Credits

College (sending) Credits		University (receiving) Requirements	
MnTC/General Education	27		
Major, Emphasis, Unrestricted Electives or Other	33		
Total College Credits	60	Total College Credits Applied	60
		*Remaining credit to be taken at the university (receiving institution)	62
		Total Program Credits	122

Special Notes: *A minimum of 30 semester credits transferrable to Saint Mary's University (to include an English composition course) are required for admission to the Information Technology program. Saint Mary's University (SMU) requires that students complete a minimum of 45 semester credits at SMU (SMU's minimum residency requirement for the program), and 122 credits total, to earn the Bachelor of Science in Information Technology degree. The remaining 77 credits can be completed at Minneapolis Community & Technical College (MCTC). Credit for prior learning, military training, and standardized exams such as CLEP and DSST can also count toward fulfilling the 77 non-SMU credit requirement. Courses completed at colleges and universities other than MCTC are also considered for credit transfer into SMU.

College	Name	Signature	Date
Chief Academic Officer	Gail O'Kane		
Dean	Ben Weng		4/17/2019
Faculty	Andy Chrastek		4/17/2019
University	Name	Signature	Date
Vice President of the Schools of Graduate and Professional Programs	Robert Smith, FSC, Ph.D.		4-29-19
DARS Encoder			
Date when equivalencies were verified/encoded in DARS by the receiving MnSCU institution.			